

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S  
INFORMATION DISCLOSURE STATEMENTAPPLICANT:  
KIRA MADURA

APR 24 2002

FILING DATE:  
July 30, 2001

GROUP:

1634  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
u	AA	US-5,132,213	08/1992	Bachmair et al.	435	
				X		

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
			X			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

u	AB	Baboshina et al, Novel Multiubiquitin chain linkages catalyzed by the conjugating enzymes E2epf and Rad6 are recognized by 26 S proteasome subunit 5, J. Biol. Chem, 1996, 271:2823-2831
	AC	Biggins, S., I. Ivanovska, and M.D. Rose. Yeast Ubiquitin-like Genes Are Involved in Duplication of the Microtubule Organizing Center. <u>The Journal of Cell Biology</u> . 1996. 133-1331-1346.
	AD	Ciechanover, A. The Ubiquitin -Proteasome Proteolytic Pathway. <u>Cell</u> . 1994. 79:13-21.
	AE	Coux, O., K. Tanaka, and A.L. Goldberg. Structure and Functions of the 20S and 26S Proteasomes. <u>Annu. Rev. Biochem.</u> 1996. 65:801-847.
	AF	Deveraux et al, A 26 S protease subunit that binds ubiquitin conjugates, J. Biol. Chem. 1994, 269:7059-7061.
	AG	Fu et al, Multiubiquitin chain binding and protein degradation are mediated by distinct domains within the 26 S proteasome subunit Mcl1, J. Biol. Chem 1998, 273: 1970-1981.
	AH	Garrett, K.P., T. Aso, J.N. Bradsher, S.I. Foundling, W.S. Lane, R.C. Conaway, and J.W. Conaway. Positive Regulation of General Transcription Factor SIII by a Tailed Ubiquitin Homolog. <u>Proc. Natl. Acad. Sci. USA</u> . 1995 92:7172-7176.
	AI	Glotzer, M., Murray, A.W., and Kirschner, M.W. Cyclin is Degraded by the Ubiquitin Pathway. <u>Nature</u> . 1991. 349:132-138. USA.
	AJ	Harakas, Biospecific Affinity Chromatography, Protein Purification Process Engineering, Harrison ed., Marcel Dekker, Inc. New York, 1994, pp. 259-316.
	AK	Hershko, A. The Ubiquitin Pathway for Protein Degredation. <u>Trends in Biochem. Sci.</u> 1996. 84:277-287.
	AL	Hochstrasser, M. Ubiquitin-Dependent Protein Degradation. <u>Annu. Rev. Genet.</u> 1996. 30:405-439.
	AM	Johnson, E.S., P.C.M. Ma, I.M. Ota, and A. Varshavsky. A Proteolytic Pathway That Recognizes Ubiquitin as a Degradation Signal. <u>the Journal of Biological Chemistry</u> . 1995. 270:17442-17456.
	AN	Johnson, E.S., B. Bartel, W. Seufert, and A. Varshavsky. Ubiquitin as a Degradation Signal. <u>The EMBO Journal</u> . 1992. 11:497-505.
	AO	Madura et al, Degradation of Galpha by the N-end rule pathway, Science, 1994, 265:1454-1457.

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SERIAL NO.

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W	AP	Mahajan, R., C. Delphin, T. Guan, L. Gerace, and F. Melchior. A Small Ubiquitin-Related Polypeptide Involved in Targeting RanGAP1 to Nuclear Pore Complex Protein RanBP2. <u>Cell</u> . 1997. 88:97-107
	AQ	Mannen et al, Cloning and expression of human homolog HSMT3 to yeast SMT3 suppressor of MIF2 mutations in a centromere protein gene, <u>Biochem. Biophys. Res. commun.</u> 1996, 222:178-180
	AR	Masutani et al, Purification and cloning of a nucleotide excision repair complex involving the xeroderma pigmentosum group C protein and a human homologue of yeast RAD23, <u>EMBO J.</u> 1994, 13:1831-1843.
	AS	Ortolan et al, The DNA repair protein Rad23 is a negative regulator of multi-ubiquitin chain assembly, <u>Nature Cell Biol.</u> 2000, 2:601-607.
	AT	Peters, J.M., Harris, J.R., Kleinschmidt, J.A. Ultrastructure of the ~ 26S Complex Containing the ~ 20S Cylinder Particle (Multicatalytic Proteinase/Proteasome). <u>European Journal of Cell Biology.</u> 1991. 56:422-432. USA
	AU	Pickart, C.M. Targeting of Substrates to the 26S Proteasome. <u>FASEB.</u> 1997. 11:1055-1066.
	AV	Scheffner, M., U. Nuber, and J.M. Huibregtse. Protein Ubiquitination Involving an E1-E2-E3 Enzyme Ubiquitin Thioester Cascade. <u>Nature.</u> 1995. 373:81-83.
	AW	Schrauber et al. Rad23 links DNA repair to the ubiquitin/proteasome pathway, <u>Nature</u> , 1998, 391; 715-718.
	AX	Thrower et al, Recognition of the ubiquitin proteolytic signal, <u>EMBO J.</u> 2000, 19:94-102.
	AY	Tongaonkar et al, Reconstruction ubiquitination reaction with affinity purified components and 32-ubiquitin, <u>Analyt. Biochem.</u> 1998, 260: 235-141.
	AZ	Tongaonkar et al., Evidence for an interaction between ubiquitin-conjugating enzymes and the 26S proteasome, <u>Mol. Cell. Biol.</u> 2000, 20:4691-4698
	BA	Udvardy, Purification and characterization of a multiprotein component of the Drosophila 26 S (1500 kD) proteolytic complex, <u>J. Biol. Chem.</u> 1993, 12: 9055-9062
	BB	Van Der Spek, P.J., C.E. Visser, F. Hanaoka, B. Smit, A. Hagemeuer, D. Bootsma, and J.H.J. Hoeumakers. Cloning, Comparative Mapping, and RNA Expression of the Mouse Homologues of the <u>Saccharomyces cerevisiae</u> Nucleotide Excision Repair Gene <u>RAD23</u> . <u>Genomics.</u> 1996. 31:20-27.
	BC	Van Nocker, S., Deveraux, Q., Rechsteiner, M., Vierstra, R.D.. Arabidopsis MBP1 Gene Encodes a Conserved Ubiquitin Recognition Component of the 26S Proteasome. <u>Proc. Natl. Acad. Sci.</u> . 1996. 93:856-860. Biochemistry. USA
	BD	Varshavsky, A. The Ubiquitin System. <u>Trends Biochem. Sci.</u> . 1997. 22:383-387.
	BE	Watkins, J.F., P. Sung, L. Prakash, and S. Prakash. The <u>Saccharomyces cerevisiae</u> DNA Repair Gene <u>RAD23</u> Encodes a Nuclear Protein Containing a Ubiquitin-Like Domain Required for Biological Function. <u>Molecular and Cellular Biology.</u> 1993. 13:7757-7765.
V	BF	Wilek et al., The purification of biologically active compounds by affinity chromatography, <u>Methods in Biochemical Analysis</u> , 1976, 23:347-385.
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